

Express Mail No.: EV 538968340 US
Date of Deposit: July 28, 2006



Page 1 of 2
Attorney Docket No.: 24334-003

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PTO/SB (12-97)
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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<p>Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)</p>					Application Number	10/656,997		
					Filing Date	September 5, 2003		
					First Named Inventor	Caduff		
					Group Art Unit	1743		
					Examiner Name	Brian J. Sines		
					Attorney Docket Number	24334-003		
U.S. PATENT DOCUMENTS								
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	
	*A23	4,875,486	10/24/89	Rapoport et al.	128	653		
	*A24	5,353,802	10/11/94	Olimar	128	734		
	*A25	5,771,891	06/30/98	Gozani	128	635		
	*A26	6,723,048 B2	04/20/04	Fuller	600	365		
	*A27	6,954,662 B2	10/11/05	Freger et al.	600	316		
U.S. PUBLISHED APPLICATION DOCUMENTS								
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	
	*A28	2004/0104736 A1	06/03/04	Cohen et al.	324	692		
	*A29	2004/0133353 A1	07/08/04	Geutebrück	702	19		
	*A30	2004/0147819 A1	07/29/04	Caduff et al.	600	316		
	*A31	2004/0240512 A1	12/02/04	Pesach	374	43		
	*A32	2005/0101842 A1	05/12/05	Suda	600	300		
	*A33	2005/0113662 A1	05/26/05	Djennati et al.	600	407		
FOREIGN PATENT DOCUMENTS								
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No		
	B28	GB	1,599,241	JEAN-CLAUDE KLEIN	09/30/81			
	B29	WO	98/09566	INTERNATIONAL DIAGNOSTICS TECHNOLOGIES INC.	03/12/98			
	B30	DE	100 35 415 A1	PRECISA TECHNOLOGIES LTD.	01/31/02			X
	B31	AT	395 075 B	CHIRAL IRVIN SORIN	09/10/92			X
	B32	EP	0 236 434 B1	SOLID STATE FARMS, INC.	09/16/87			
	B33	EP	1 092 386 A1	SÜSSTRUNK ANITA	04/18/01			X
	B34	RU	2 069 863 C1	TSENTRAL'NYJ NAUCHNO- ISSLEDOVATEL'SKIJ INSTITUT MASJINOSTROENIJA	11/27/96	Abstract only		

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OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C14	Choleau et al. <i>Diabetes</i> , 51:3263-3273 (2002)
	C15	Feldman et al. <i>Colloid Polymer Sci.</i> , 270:768-780 (1992)
	C16	Feldman et al. <i>Rev. Sci. Instrum.</i> , 67(9):3208-3216 (1996)
	C17	"General Linear Least Squares", <i>Numerical Recipes in C: the Art of Scientific Computing</i> , pages 671-681, 1988-1992, http://www.nr.com
	C18	Khalil, O., <i>Diabetes Technol. Therap.</i> , 6(5):660-695 (2004)
	C19	Patent Abstracts of Japan for JP 62-083649 (MATSUSHITA ELECTRIC IND. CO. LTD.) (04/17/87)
	C20	Patent Abstracts of Japan for JP 9-201337 (CASIO COMPUT CO. LTD.) (08/05/97)
↓	C21	Patent Abstracts of Japan for JP 2000-162176 (OMRON CORP.) (06/16/00)

* By the waiver of 37 CFR 1.98(a)(2)(i) copies of the U.S. Patents A23-A27 and U.S. Published Applications A28-A33 are not submitted.

Examiner Signature		Date Considered	10/30/2006
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					Filing Date	September 5, 2003		
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					Group Art Unit	1743		
					Examiner Name	Not Yet Assigned		
					Attorney Docket Number	24334-003		
U.S. PATENT DOCUMENTS								
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	
<i>KO</i>	A16	5,050,612	09/24/91	Matsumura	128	670		
<i>KO</i>	A17	5,077,476	12/31/91	Rosenthal	250	341		
<i>✓</i>	A18	6,309,884 B1	10/30/01	Cooper, et al.	436	14		
U.S. PUBLISHED APPLICATION DOCUMENTS								
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	
<i>KO</i>	A19	2002/106709 A1	08/08/02	Potts, et al.	435	14		
<i>✓</i>	A20	2003/0153821A1	08/14/03	Berner, et al.	600	345		
FOREIGN PATENT DOCUMENTS								
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No		
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS								
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.						
	C13	International Search Report for PCT/IB03/05704, mailing date: March 30, 2004.						

A copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. _____, filed _____, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

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Attorney Docket No.: 24334-003

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					Filing Date	September 5, 2003		
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					Group Art Unit	1743		
					Examiner Name	Not Yet Assigned		
					Attorney Docket Number	24334-003		
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<i>JK</i>	A21	5,792,668	08/11/98	Fuller, et al.	436	149		
<i>JK</i>	A22	6,565,509 B1	05/20/03	Say, et al.	600	365		
U.S. PUBLISHED APPLICATION DOCUMENTS								
Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate	
FOREIGN PATENT DOCUMENTS								
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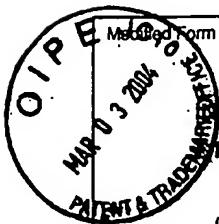
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Attorney Docket No.: 24334-003 NATL

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Information Disclosure Statement by Applicant
(use as many sheets as necessary)

Application Number	10/656,997
Filing Date	September 5, 2003
First Named Inventor	Caduff
Group Art Unit	1743
Examiner Name	Not Yet Assigned
Attorney Docket Number	24334-003 NATL

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date if Appropriate
	A11	4,965,206	10/23/90	Kell	435	291	
	A12	6,028,433	02/22/00	Cheiky-Zelina, et al.	324	663	
	A13	6,182,504 B1	02/06/01	Gaisford	73	61.43	
	A14	6,320,393	11/20/01	Yasui, et al.	324	663	
✓	A15	6,517,482 B1	02/11/03	Elden, et al.	600	309	

U.S. PUBLISHED APPLICATION DOCUMENTS

Exam Initials	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date if Appropriate
	B18	WO 93/18395		Christopher Barnes	09/16/93	Yes	

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
	B19	WO 93/18402	UNIVERSITY COLLEGE OF WALES, ABERYSTWYTH	09/16/93	Yes	
	B20	WO 01/36952 A1	DELFIN TECHNOLOGIES LTD.	05/25/01	Yes	
	B21	WO 02/069791 A1	PENDRAGON MEDICAL LTD.	09/12/02	Yes	
	B22	WO 02/073179 A1	HALL EFFECT TECHNOLOGIES LTD.	09/19/02	Yes	
	B23	GB 2 033 575 A	Peter Rolfe	05/21/80	Yes	
	B24	GB 2 055 206 A	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	02/25/81	Yes	
	B25	GB 2 100 864 A	Peter Rolfe	01/06/83	Yes	
	B26	DE 30 17 168 A1	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	11/12/81	No	
✓	B27	SU 1698724 A1	AS USSR RADIO ELTRN INST.; UNIV. MOSC. LOMONOSOV	12/15/91	Abstract only	

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.

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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/656,997
	Filing Date	September 5, 2003
	First Named Inventor	Schrepfer et al.
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	24334-003 NATL

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	*A1	4,509,531	4/9/85	Ward	374	142	7/28/82
	*A2	5,792,668	8/11/98	Fuller, et al.	436	149	4/15/96
	*A3	5,508,203	4/16/96	Fuller, et al.	436	149	8/6/93
	*A4	6,356,776	3/12/02	Berner, et al.	600	347	8/16/00
	A5	4,679,426	7/14/87	Fuller et al	73	53	
	A6	4,765,179	8/23/88	Fuller et al.	73	53	
	A7	5,109,855	5/5/92	Günter	128	653.1	
	A8	5,804,967	9/8/98	Miller et al	324	314	
✓	A9	5,890,489	4/6/99	Elden	128	898	

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Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	*B1	EP 0298441	Handelsgesellschaft Fur Medizin Und Technik Mit Beschränkter Haftung	1/11/89	X
	*B2	EP 0309085	Fisher Scientific Company	3/29/89	
	*B3	WO 00/43759	The University of Liverpool	7/27/00	
	*B4	WO 85/04481	Public Health Laboratory Service Board	10/10/85	
	*B5	WO 98/38904	Optel Instruments Limited (Abstract Only)	11/11/98	
	*B6	WO 01/47415	Pindi Products, Inc. (Abstract Only)	7/5/01	
	*B7	WO 00/09996	Solid State Farms, Inc. (Abstract Only)	2/2/00	
	*B8	WO 01/26538	Süstrünk, Anita	4/19/01	
	B9	WO 99/44495	CONARMA AB	10/9/99	
	B10	WO 99/39627	Dermal Therapy	12/8/99	
	B11	WO 98/04190	DTR Dermal Therapy	5/2/98	
	B12	WO 97/39341	Solid State Farms, Inc.	23/10/97	
✓	B13	WO 95/04496	Solid State Farms, Inc.	16/2/95	



OTHER PRIOR ART - NECESSARY LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	*C1	International Search report for PCT IB 01/00334, mailed November, 21 2001.
	*C2	Katz, Murray, A. (1973). "Hyperglycemia-Induced Hyponatremia Calculation of Expected Serum Sodium Depression" <i>The New England Journal of Medicine</i> 289(14):843-844.
	*C3	Shalwitz, et al. (1991). "Effect of Hyperglycemia on Plasma Sodium and Potassium Concentration Revisited" <i>Clinical Chemistry</i> 37(2):293-294.
	*C4	Bartok, et al. "Validation of Bioelectric Impedance Spectroscopy for Body Water Compartment Modeling in Simulated Microgravity"
	*C5	"Tumor Spheroid-Sensor" <i>Fraunhofer/Institut Biomedizinische Technik</i>
	*C6	Smith, Geoff (2001). "Dielectric Spectroscopy" http://www.appsci.dmu.ac.uk/gsmith/Research/smith_ds1.htm (Printed on 11/15/01).
	*C7	Naschansky, Kristen M. (2001). "Rapid Detection of Listeria Monocytogenes Employing Immunomagnetic Separation and Electrical Impedance Spectroscopy" <i>Food Safety Engineering Project/Rapid Detection of L. monocytogenes:</i> http://foodsafety.agad.purdue.edu/research/gradprojects/naschansky.shtml (Printed on 11/15/01).
	*C8	"FDA Panel Recommends Approval of Watch-Like Glucose Monitor" (1999). http://www.helioshealth.com/cgi-bin/news/news.cgi?59 (Printed on 4/25/02).
	*C9	Selingo, Jeffrey (2001). "Giving Diabetics (and Their Sore Fingers) a Break" <i>The New York Times</i> July 5, 2001 (Thursday):E5.
	*C10	"Non-invasive Blood Glucose Monitoring" <i>Pindi Products Inc.</i> / http://www.google.com/search?q=cache:wLfLsc5ZvcY:www.pindi.com/nibgm.html+pindi... (Printed on 6/22/01).
	*C11	"Glucose Detector" <i>Pindi Products, Inc.</i> / http://www.google.com/search?q=cache:rls86NFXUZk:www.pindi.com/research.html=pindi... (Printed on 6/22/01).
	*C12	Mendoza, Rick (2001). "Part 14: Blood Glucose Meters" <i>On-line Diabetes Resources/</i> http://www.mendoza.com/meters.htm (Printed 11/5/01).

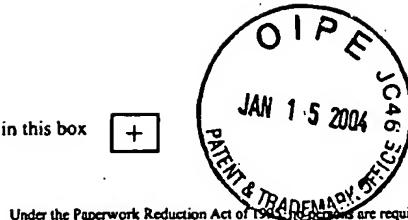
* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/980,661, filed November 15, 2001, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

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		Attorney Docket Number	24334-003 NATL

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<i>BS</i>	A10	2002/0155615 A1	10/24/02	Novikov et al.	436	149

FOREIGN PATENT DOCUMENTS						
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	Translation No
<i>BS</i>	B14	WO 02/062214 A1	Novikov	15/08/02		
	B15	WO 03/017834 A1	Kislov et al.	6/03/03		
	B16	RU 2088927 C1	Dibelov et al.	27/08/97	Abstract	X
<i>BS</i>	B17	RU 2073242 C1	Ivanovich et al.	10/02/97	Abstract	X

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